

Southwest Kodiak District between even and odd years in July.

Proposal 195
RC 056

Inner and Outer Karluk Sections

From June 1 through July 15, the Inner and Outer Karluk sections are opened based on early-run sockeye salmon returning to Karluk Lake. However, the Inner Karluk Section cannot be opened during this timeframe unless the ADF&G determines that the early-run Karluk sockeye

salmon escapement goal will be exceeded. The inability to open the Inner Karluk Section until the early-run escapement goal has been exceeded, led to continued overescapement of Karluk Lake sockeye salmon from 1999 through 2005. This produced a highly competitive rearing environment, taxing the forage base of Karluk Lake and affecting the growth of Karluk Lake sockeye salmon. This overescapement led to the poor Karluk Lake sockeye salmon runs in 2008 through 2011.¹

In odd years, from July 16 through August 24, Inner and Outer Karluk sections' commercial salmon fishing periods are based on late-run sockeye salmon. In even years, openings are based on both late-run sockeye salmon and pink salmon returns. Fishing periods from August 25 through September 5 are based on late-run Karluk Lake sockeye salmon abundance. After September 5, fishing periods are based on both late-run sockeye and coho salmon returning to the Karluk system.

Inner and Outer Ayakulik Sections

From June 1 through July 15, the Inner and Outer Ayakulik sections are opened based on early-run sockeye salmon returning to Red Lake (Ayakulik River). In odd years, from July 16 through August 24, fishing periods are base on late-run sockeye salmon. In even years during this time frame, Inner and Outer Ayakulik sections are opened based on late-run sockeye salmon and pink salmon returns. The Ayakulik River has one of the largest documented coho salmon runs in the Kodiak Management Area (KMA). After approximately August 24, fishing periods are based on coho salmon returning to the Ayakulik system.

Sturgeon and Halibut Bay Sections

The Sturgeon and Halibut Bay sections are closed from June 1 through June 22, due to the mixing of Karluk, Ayakulik, and Olga Bay sockeye salmon stocks. From June 23 through July 15 fishing periods are based on early-run sockeye salmon returning to Ayakulik and Karluk sytems. However, the Sturgeon River has one of the largest documented chum salmon runs in the KMA and this early-run chum salmon system must also be taken into consideration when opening the Sturgeon Section during this time frame. From July 16 through August 24, in either even or odd years, both areas are opened based on either Ayakulik or Karluk late-run sockeye salmon or pink salmon. After August 25, both areas are opened based on either Karluk or Ayakulik late-run sockeye salmon and local coho salmon stocks.

2013 Westside Kodiak Fisheries

The ADF&G's preseason salmon forecasts predicted a surplus (in excess of escapement needs) of early-run sockeye salmon returning to Karluk Lake (158,000 fish), Frazer Lake (49,000 fish), Ayakulik River (302,000 fish), and early-run Upper Station (25,000 fish; Eggers et al. 2013).

¹ On January 4, 2012, an investigation for the reasons for low runs of sockeye salmon to Karluk Lake by an inter-agency Memorandum of Understanding between Regional Finfish Research Biologists and Regional Supervisor with the Alaska Department of Fish and Game, Region IV, Division of Commercial Fisheries, *Reduced Sockeye, Salmon Runs at Karluk Lake (III)*.

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Appendix E4.—Commercial salmon harvest, by gear type and species, for Westside management units, 2013.

Gear	Permits	Chinook		Sockeye		Coho		Pink		Chum		Total	
		Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds
Seine	147	8,630	59,880	887,720	5,047,178	73,838	581,794	4,239,569	13,332,968	162,210	1,305,123	5,371,967	20,326,943
Average weight			6.94		5.69		7.88		3.14		8.05		
Set Gillnet	95	3,303	30,708	594,095	3,367,118	33,063	257,283	857,833	3,187,778	78,654	604,336	1,567,678	7,447,223
Average weight			7.61		5.67		7.78		3.72		7.68		
Grand total	242	5,105	12,663	1,481,815	8,414,296	106,901	839,077	5,097,402	16,520,746	240,864	1,909,459	6,939,645	27,774,166
Average weight			7.15		5.68		7.85		3.24		7.93		

Note: Westside Kodiak Management Plan units include the Southwest Afognak Section, the Northwest Kodiak District (except for the Spiridon Bay Special Harvest Area and Settler Cove), and the Southwest Kodiak District. Harvest numbers do not include test fish harvests or commercial harvest retained for personal use.

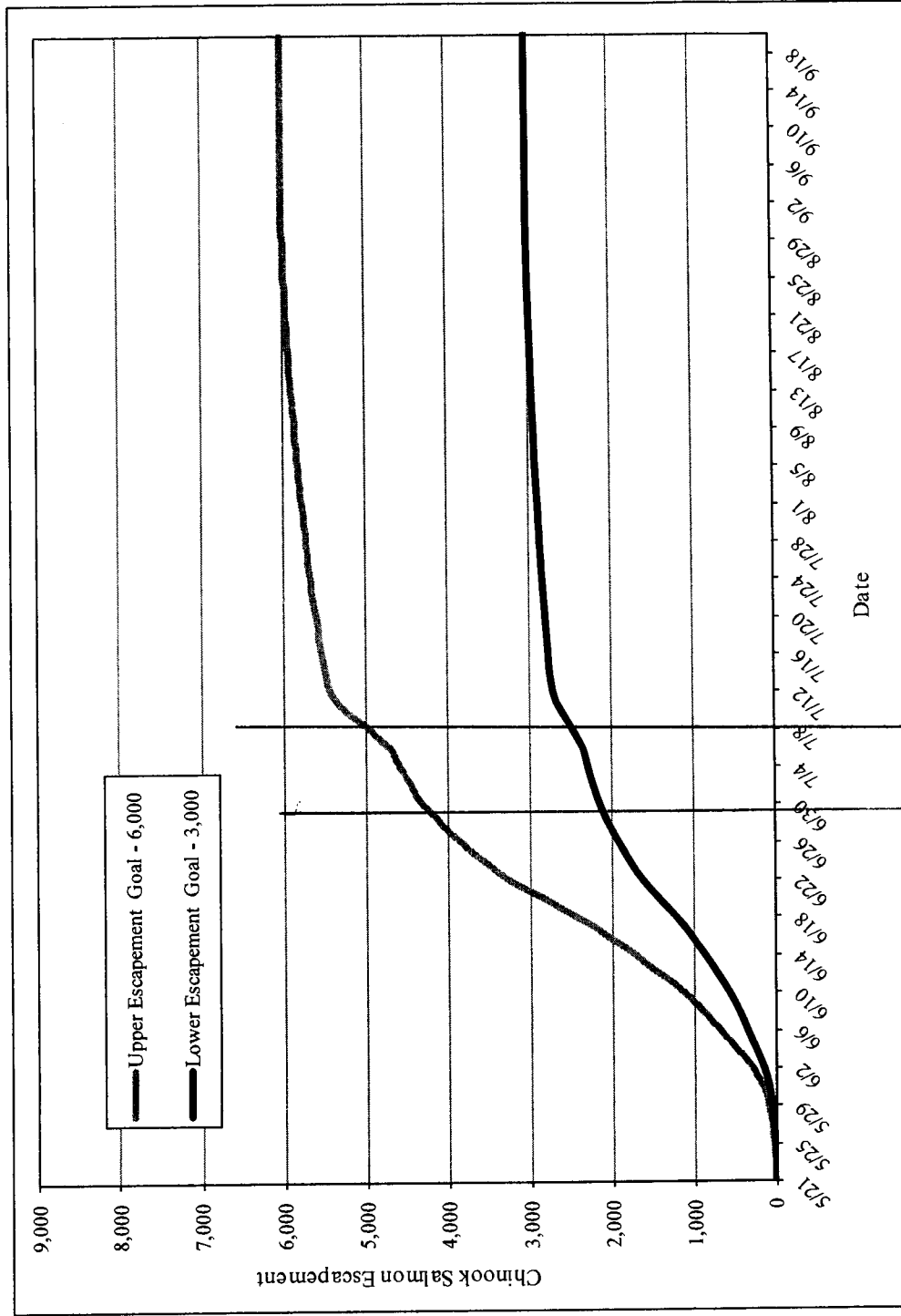
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Appendix E6.-Set gillnet salmon harvest by species for Westside Management Plan units, 2013.

Management Unit	Date	Permits	Landings	Chinook		Sockeye		Coho		Pink		Chum		
				Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number	Pounds	Number
Northwest	7-Jun	21	24	102	817	5,539	30,616	0	0	0	0	0	181	1,324
Kodiak District ^b	8-Jun	37	47	280	1,959	7,319	39,996	0	0	0	0	0	273	2,024
	9-Jun	38	46	180	1,358	15,528	86,638	0	0	1	4	4	349	2,622
	10-Jun	36	44	187	1,187	10,295	57,419	0	0	3	12	12	347	2,450
	11-Jun	45	46	168	1,296	17,464	94,398	1	5	6	24	24	645	4,346
	12-Jun	41	47	176	1,312	15,113	83,317	0	0	236	1,287	1,287	433	3,125
	13-Jun	48	51	252	1,922	15,514	85,191	0	0	9	28	28	522	3,764
	14-Jun	42	46	216	1,502	14,078	75,472	0	0	20	73	73	616	4,436
	15-Jun	47	51	268	1,895	16,250	89,118	0	0	27	93	93	664	4,868
	16-Jun	38	43	193	1,334	13,591	75,328	0	0	37	120	120	565	4,122
	17-Jun	42	45	155	1,050	11,098	62,533	0	0	35	121	121	602	4,418
	18-Jun	38	43	173	1,236	8,970	48,155	0	0	30	107	107	526	3,776
	19-Jun	47	47	145	1,009	7,891	44,270	0	0	43	169	169	422	3,182
	20-Jun	43	45	101	708	5,706	31,757	0	0	10	32	32	209	1,577
21-Jun	40	43	70	581	5,128	28,268	0	0	27	104	104	203	1,582	
22-Jun	38	38	30	196	6,464	36,079	0	0	40	150	150	314	2,238	
23-Jun	41	41	36	301	8,202	46,014	0	0	84	294	294	650	4,792	
24-Jun	34	34	35	273	6,461	35,291	0	0	98	328	328	451	3,547	
25-Jun	30	32	31	229	6,896	38,799	4	24	183	625	625	613	4,602	
26-Jun	48	50	28	269	12,981	73,138	1	5	451	1,625	1,625	1,802	14,464	
27-Jun	35	35	29	344	9,397	54,522	0	0	280	1,081	1,081	1,285	10,366	
28-Jun	46	46	24	231	9,322	51,928	3	14	399	1,499	1,499	1,046	8,014	
29-Jun	40	41	18	132	12,248	67,778	2	10	558	2,160	2,160	1,790	13,772	
30-Jun	44	45	22	188	11,451	65,404	2	13	729	2,769	2,769	1,763	13,731	
1-Jul	39	41	12	96	8,502	48,260	0	0	521	1,998	1,998	816	6,225	
2-Jul	46	48	24	194	12,561	71,278	6	34	1,319	4,921	4,921	1,356	10,422	
3-Jul	41	48	18	128	12,620	72,409	31	168	1,913	7,198	7,198	1,262	9,470	
4-Jul	35	39	28	286	11,710	68,154	26	159	1,905	7,045	7,045	1,147	9,034	
5-Jul	47	52	18	178	11,549	70,137	25	149	1,666	6,093	6,093	1,130	8,863	
6-Jul	40	43	26	227	8,533	52,156	21	126	1,683	6,206	6,206	1,434	11,275	
7-Jul	43	43	31	220	10,569	62,788	30	185	2,432	9,124	9,124	1,730	13,703	
8-Jul	40	48	55	458	12,164	70,896	42	258	3,021	11,287	11,287	2,533	21,192	
13-Jul	32	32	36	315	7,538	44,110	107	662	5,305	19,948	19,948	2,081	16,536	

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Appendix A1.—Average run timing relative to lower and upper escapement goals for Chinook salmon into the Karluk system.



Note: This chart does not represent interim escapement goals.